IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LENNY LOW ET AL.   :   Date: December 16, 2002
Serial No. 09/822,073   :
Filed: March 30, 2001   :   Group Art Unit: 3743
For: HEAT TRANSFER OF A REMOTE HEAT:
    SOURCE USING A LOOP HEAT PIPE   :   Examiner: Christopher. M. Atkinson

AMENDMENT

Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

In response to the Office Action mailed June 18, 2002, please amend the above-
identified patent application as follows.

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IN THE CLAIMS

Please amend the following Claims to read as indicted

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1. A heat transfer system comprising:
a spacecraft comprising a heat dissipating system;
a remotely-located heat source disposed on the spacecraft at a location that is remote
from the heat dissipating system and which is not located on a heat pipe panel; and
5 a loop heat pipe thermally coupled between the remotely-located heat source and the
heat dissipating system for coupling heat generated by the heat source to the heat dissipating
system.

3. A spacecraft comprising:
a heat dissipating system for radiating heat into space;
a remotely-located heat source disposed at a location that is remote from the heat
dissipating system and which is not located on a heat pipe panel; and
5 a loop heat pipe thermally coupled between the remotely-located heat source and the
heat dissipating system for coupling heat generated by the remotely-located heat source to the
heat dissipating system.

5. A heat dissipation method for use on a spacecraft comprising the steps of:
disposing a remotely-located heat source on a spacecraft at a location that is remote
from a heat dissipating system and which is not located on a heat pipe panel;
thermally coupling a loop heat pipe between the remotely-located heat source and the
5 heat dissipating system; and
coupling heat generated by the remotely-located heat source to the heat dissipating
system by way of the loop heat pipe.